

OIPE  
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## RAW SEQUENCE LISTING

DATE: 09/18/2001

PATENT APPLICATION: US/09/845,721

TIME: 10:12:48

Input Set : A:\Methodsseq.txt

Output Set: N:\CRF3\09182001\I845721.raw

3 <110> APPLICANT: Brennand, John  
 4 Hart, Kevin  
 6 <120> TITLE OF INVENTION: Methods  
 8 <130> FILE REFERENCE: 1991-196  
 10 <140> CURRENT APPLICATION NUMBER: US 09/845,721  
 C--> 11 <141> CURRENT FILING DATE: 2001-08-30  
 13 <150> PRIOR APPLICATION NUMBER: US 60/201,418  
 14 <151> PRIOR FILING DATE: 2000-05-03  
 16 <160> NUMBER OF SEQ ID NOS: 2  
 18 <170> SOFTWARE: PatentIn version 3.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 1881  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Homo sapiens  
 25 <400> SEQUENCE: 1

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86	atatttttta aggaataaaat acatagcctt aaaaatgtt ataaactttaa aatgtaaaaaa	1860
88	aaaaaaaaaaaa aaaaaaaaaaaa a	1881

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91 <210> SEQ ID NO: 2  
92 <211> LENGTH: 433  
93 <212> TYPE: PRT  
94 <213> ORGANISM: Homo sapiens  
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102 20 25 30  
104 Pro Leu Ser Tyr Pro Leu Ser Phe Gln Val Ser Leu Thr Gly Phe Leu  
105 35 40 45  
107 Met Leu Glu Ile Val Leu Gly Leu Gly Ser Asn Leu Thr Val Leu Val  
108 50 55 60  
110 Leu Tyr Cys Met Lys Ser Asn Leu Ile Asn Ser Val Ser Asn Ile Ile  
111 65 70 75 80  
113 Thr Met Asn Leu His Val Leu Asp Val Ile Ile Cys Val Gly Cys Ile  
114 85 90 95  
116 Pro Leu Thr Ile Val Ile Leu Leu Ser Leu Glu Ser Asn Thr Ala  
117 100 105 110  
119 Leu Ile Cys Cys Phe His Glu Ala Cys Val Ser Phe Ala Ser Val Ser  
120 115 120 125  
122 Thr Ala Ile Asn Val Phe Ala Ile Thr Leu Asp Arg Tyr Asp Ile Ser  
123 130 135 140  
125 Val Lys Pro Ala Asn Arg Ile Leu Thr Met Gly Arg Ala Val Met Leu  
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128 Met Ile Ser Ile Trp Ile Phe Ser Phe Phe Ser Phe Leu Ile Pro Phe  
129 165 170 175  
131 Ile Glu Val Asn Phe Phe Ser Leu Gln Ser Gly Asn Thr Trp Glu Asn  
132 180 185 190  
134 Lys Thr Leu Leu Cys Val Ser Thr Asn Glu Tyr Tyr Thr Glu Leu Gly  
135 195 200 205  
137 Met Tyr Tyr His Leu Leu Val Gln Ile Pro Ile Phe Phe Phe Thr Val  
138 210 215 220  
140 Val Val Met Leu Ile Thr Tyr Thr Lys Ile Leu Gln Ala Leu Asn Ile  
141 225 230 235 240  
143 Arg Ile Gly Thr Arg Phe Ser Thr Gly Gln Lys Lys Lys Ala Arg Lys  
144 245 250 255  
146 Lys Lys Thr Ile Ser Leu Thr Thr Gln His Glu Ala Thr Asp Met Ser  
147 260 265 270  
149 Gln Ser Ser Gly Gly Arg Asn Val Val Phe Gly Val Arg Thr Ser Val  
150 275 280 285  
152 Ser Val Ile Ile Ala Leu Arg Arg Ala Val Lys Arg His Arg Glu Arg  
153 290 295 300  
155 Arg Glu Arg Gln Lys Arg Val Phe Arg Met Ser Leu Leu Ile Ile Ser  
156 305 310 315 320  
158 Thr Phe Leu Leu Cys Trp Thr Pro Ile Ser Val Leu Asn Thr Thr Ile  
159 325 330 335  
161 Leu Cys Leu Gly Pro Ser Asp Leu Leu Val Lys Leu Arg Leu Cys Phe  
162 340 345 350

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164 Leu Val Met Ala Tyr Gly Thr Thr Ile Phe His Pro Leu Leu Tyr Ala  
165 355 360 365  
167 Phe Thr Arg Gln Lys Phe Gln Lys Val Leu Lys Ser Lys Met Lys Lys  
168 370 375 380  
170 Arg Val Val Ser Ile Val Glu Ala Asp Pro Leu Pro Asn Asn Ala Val  
171 385 390 395 400  
173 Ile His Asn Ser Trp Ile Asp Pro Lys Arg Asn Lys Lys Ile Thr Phe  
174 405 410 415  
176 Glu Asp Ser Glu Ile Arg Glu Lys Arg Leu Val Pro Gln Val Val Thr  
177 420 425 430  
179 Asp

VERIFICATION SUMMARY  
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date